

WTAP Enrollment Summary: FY2008 – FY2025

As a result of 38 approved applications to date, 50 irrigation wells and 8,606 irrigated acres have been voluntarily dismissed in 11 enrollment periods since 2008. A total of \$6,230,380 in state funds has been expended in return for the permanent retirement of 13,655 acre-feet of annual water appropriation rights and 3,711 acre-feet of historic consumptive water use (HCWU) in these targeted regions at an average cost to the State of Kansas of \$1,712 per acre-foot of HCWU.

\$1,011,393 of federal, local and NGO dollars have been matched to state WTAP grants, thus contributing to the financial incentives and long-term business decision-making for some landowners. \$28,513 of local dollars has been matched to WTAP applications in Big Bend Groundwater Management District No. 5. A total of \$187,507 of local funds have been committed from Northwest Kansas Groundwater Management District No. 4. \$30,000 has been contributed by Playa Lakes Joint Venture. \$807,142 of federal NRCS EQIP funds have been utilized by landowners to facilitate transitions to dryland agriculture associated with these water right retirements.

Four new high priority target areas were approved in Greeley and Wichita counties in 2021 as part of the Groundwater Recharge and Sustainability Project (GRASP). Enrollments were conducted there in FY2022, FY2023, FY2024 and FY2025. As a result, DOC accepted landowner agreements which have voluntarily dismissed 20 irrigation water rights authorizing 6,566 ac-ft per year on 3,424 acres from 20 wells. The net value of HCWU which has been permanently retired in the GRASP project area is now 1162.36 acre-feet near the City of Tribune and City of Leoti municipal well fields.

Target Area Summary

Target Area	Target HCWU Reduction (AF)	# Apps Approved	Appropriation Reduced (AF)	HCWU Reduced (AF)	Total Cost
Rattlesnake	7,396	4	1,027	369.9700	\$785,241.20
Prairie Dog	3,800	0	-	-	-
SH-1	6,000	6	2,022	678.9660	\$1,021,293.68
SH-2	4,000	1	279	107.7000	\$88,852.50
CN-3	2,000	1	320	121.2700	\$242,540.00
TH-4	600	0	-	-	-
TH-5	15,000	11	2,873	1,099.5720	\$1,230,344.60
SD-6	12,000	2	568	172.1225	\$232,137.38
Tribune North	453.65				
Tribune South	352.74	1	853	113.9350	\$227,810
Leoti	2,516.13	9	4,503	752.2750	\$1,667,709.45
Leoti North	1,717.8	3	1210	296.1500	\$734,452
Total	55,836.32	38	13,665	3,711.9605	\$6,230,380.81

Enrollment Period Summary

Enrollment Period	WRFNs Dismissed	Authorized AF Retired	Authorized Acres Retired	HCWU - AF	Target Area	Bid Rate / AF HCWU	Total Cost of Retirement
FY2025	8682	320	*605	53.09	Leoti North	\$2,480	\$131,663.20
FY2025	9653, 10390	598	*605	200.22	Leoti North	\$2,480	\$496,545.60
FY2025	25027	292	*605	42.84	Leoti North	\$2,480	\$106,243.20
Sub-Total		1210	605	296.15		(2,480 avg)	\$734,452.00
FY2024	10428	468	234	124.874	Leoti	\$1,375.00	\$171,701.75

Enrollment Period	WRFNs Dismissed	Authorized AF Retired	Authorized Acres Retired	HCWU - AF	Target Area	Bid Rate / AF HCWU	Total Cost of Retirement
FY2024	3897	421	240	43.233	Leoti	\$2,750.00	\$118,890.75
FY2024	7211, 11769	640	320	34.592	Leoti	\$2,750.00	\$95,128.00
FY2024	5386, 20752	753	377	200.427	Leoti	\$1,999.00	\$400,653.58
FY2024	5687, 18005	560	280	116.070	Leoti	\$2,750.00	\$319,192.50
FY2024	871, 24767	320	160	74.115	Leoti	\$2,150.00	\$159,347.25
FY2024	7412	528	320	55.756	Leoti	\$2,700.00	\$150,541.20
FY2024	2877 D1	516	320	65.751	Leoti	\$2,700.00	\$177,527.70
Sub-Total		4,206	2,251	714.818		\$2,396.75	\$1,592,982.73
FY2023	19044	297	148.6	37.457	Leoti	\$1,995.00	\$74,726.72
FY2022	4254, 5697, 8699	853	420	113.935	Tribune South	\$2,000.00	\$227,810.00
FY2021	No Enrollment						
FY2020	No Enrollment						
FY2019	No Enrollment						
FY2018	No Enrollment						
FY2017	No Enrollment						
FY2016	31694 D1	264	156	103.1	SH-1	\$1,995.00	\$205,844.10
FY2015	30895	191	154	91.286	TH-5	\$2,000.00	\$182,572.00
FY2014	9238	465	259	134.98	SH-1	\$1,970.00	\$265,910.60
FY2013	No Enrollment						
FY2012	20831	319	267	93.3	TH-5	\$1,190.71	\$111,093.24
FY2012	22017, 30528	263	367	81.81	SD-6	\$2,000.00	\$163,620.00
FY2012	31673	320	270	121.27	CN-3	\$2,000.00	\$242,540.00
Sub-Total		902	904	296.38		(\$1730 avg)	\$517,253.24
FY2011	9133	305	160	124.27	SH-1	\$515.15	\$64,017.69
FY2011	16630	305	160	90.3125	SD-6	\$758.67	\$68,517.38
FY2011	11776	293	160	78.756	TH-5	\$890.83	\$70,158.20
FY2011	22361	239	160	55.356	SH-1	\$1,227.25	\$67,936.09
Sub-Total		1,142	640	348.6945		(\$847 avg)	\$270,629.36
FY2010	No Enrollment						
FY2009	20428	237	160	64.56	TH-5	\$792.00	\$51,131.52
FY2009	17173	279	160	107.7	SH-2	\$825.00	\$88,852.50
FY2009	20430	260	160	87.6	TH-5	\$831.00	\$72,795.60
FY2009	21601	381	320	194.8	TH-5	\$925.00	\$180,190.00
FY2009	20429	297	160	113.4	TH-5	\$1,072.00	\$121,564.80
FY2009	30423	219	160	118.66	TH-5	\$1,114.00	\$132,187.24
FY2009	24733	260	160	69.96	TH-5	\$1,200.00	\$83,952.00
FY2009	20218	259	132	81.64	TH-5	\$1,200.00	\$97,968.00
FY2009	22814	157	160	105.61	TH-5	\$1,200.00	\$126,732.00
FY2009	16739	386	160	120.06	SH-1	\$1,420.00	\$170,485.20
FY2009	33817	363	480	141.2	SH-1	\$1,750.00	\$247,100.00
FY2009	22938	420	334	235.7	Rattlesnake	\$1,895.00	\$446,652.50
FY2009	22007 (partial)	98	171	35.86	Rattlesnake	\$1,995.00	\$71,540.70
FY2009	26875	284	192	92.01	Rattlesnake	\$2,000.00	\$184,020.00
Sub-Total		3,900	2909	1568.76		(\$1,301 avg)	\$2,075,172.06
FY2008	22934	225	160	6.4	Rattlesnake	*	\$83,028.00
TOTAL		13,665	8,606.6	3,711.9605		(\$1,712 avg)	\$6,230,380.81

*bidding criteria for the initial FY2008 WTAP enrollment period was not based on a fixed rate of \$ / AF HCWU